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TITLE: NEW SUBSTANCE ISOLATED FROM ECKLONIA CAVA, METHOD FOR EXTRACTING AND PURIFYING
THE NEW SUBSTANCE AND METHOD FOR USING THE NEW SUBSTANCE AS ANTIOXIDANT

PUBN-DATE: October 31, 2001

INVENTOR-INFORMATION:

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APPL-NO: JP2001007406

APPL-DATE: January 16, 2001

INT-CL (IPC): C07 D 307/91; A23 L 1/30; C09 K 15/08

ABSTRACT:

PROBLEM TO BE SOLVED: To separate a new substance having high anti-oxidizing activity, excellent thermostability, usefully applicable for a natural antioxidant from Ecklonia cava, to provide both a method for extracting and purifying the new substance and a method for using the new substance as an antioxidant.

SOLUTION: Ground Ecklonia cava is extracted with an organic solvent once or twice, the extracted substance is fractioned with a solvent once or twice and the obtained solvent fraction is purified by a chromatography method.

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